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On Assignment from D.H.E.W. . . .

The WSU School of Medicine Will Not Accept Foreign Transfers

By John R. Beljan, M.D., Dean

Following the recent announcement that medical schools at Yale, Stanford, and 13 other universities will lose more than \$12 million in Federal aid for refusing to admit, by D.H.E.W. assignment, American students transferring from foreign medical schools, under certain provisions of the recent Federal Health Manpower Act, at least one Dayton area news source incorrectly reported that the WSU School of Medicine will accept these students.

In fact, this school will not accept transfers by assignment from the Secretary of Health, Education, and Welfare. Our position on this issue was publicly stated in a Dayton Daily News article on Monday, Jan. 10, 1977. In that article, I am quoted as saying that the bill (The 1976 Health Professions Educational Assistance Act) "totally circumvents the admissions process."

The Wright State University School of Medicine has not altered its stance. However, it has recently received a waiver of this provision, and will be eligible to receive capitation funds without compromising its principles on this important issue.

My very best wishes to the School's faculty, staff, students, friends, and their loved ones for a joyous holiday season and a happy new year.

John R. Beljan, M.D.
John R. Beljan, M.D.
Dean

Hypertension: The Silent Adversary

Hypertension strikes without warning, has no symptoms, and is non-selective. Anyone can become the victim of this disease of the cardiovascular system that affects over 20 million Americans. Young

people as well as adults have experienced complications of hypertension such as heart attack, stroke, congestive heart failure, organ damage, and even death.

At Wright State, Dr. Mary Ann Frey and the members of the Physiology Department are conducting intensive studies to discover the nature of stress and the varying ways healthy and hypertensive people respond to it.

"We are developing, improving, and using informative and accurate non-invasive methods such as stress tests, measurement of blood flow, and heart-to-foot pulse waves," says Dr. Frey, Assistant Professor. "We want to know that the applied stress is causing the changes being studied in our subjects, and not the technique or tools used to measure the changes."

Dr. Frey's work on stress-testing, non-invasive techniques, and hypertension is being funded by several sources, including the Miami Valley Chapter of the American Heart Association and the National Institutes of Health. The studies are interdisciplinary and include, for example, genetic correlates of hypertension in conjunction with investigators at the School of Medicine Fels Research Institute. Further studies are conducted at the School's Cox Heart Institute and at the University's physiology laboratories.

Once the volunteers agree to participate, they receive a complete physical examination by a physician at the School of Medicine Cox Heart Institute to ensure that the



A bag of cold water acts as stimulus to create a stress reaction that Dr. Frey (above) can measure and compare with the responses of other volunteers in the hypertension study.

Continued, p. 2...

Hypertension (Continued)

tests will not cause them physical or psychological problems. Volunteers then see a film showing the kinds of tests to which they will be subjected. The film is intended to calm any anxieties the person might feel about being a research subject, often for the first time.

In the film, patients are shown on a treadmill with electrodes attached to their chests to measure cardiovascular activity. In another scene, a researcher places a bag of cold water over a subject's face. Again measurements are taken to record those involuntary reactions. In still another test, volunteers are shown with their feet in cold water. Carefully recorded measurements reflect the stressful reaction of a healthy subject to a simple process--and are then compared to the hypertensive response.

After the volunteers have been reassured that they will not be subjected to painful invasive techniques, they sign up for a return visit to be tested and measured, as in the film.

"We're accumulating the data," says Dr. Frey, "and we expect the preliminary analyses to be completed soon. Our results will be correlated with concurrent studies being performed by other members of the team to bring us closer to knowing how to spot and deal with hypertension and its stress-related problems."

Gem City Society Creates Scholarship

A \$1,000 scholarship has been established in the School of Medicine by the Gem City Medical, Dental, and Pharmaceutical Society, which represents the Black health professionals in Dayton and Montgomery County.

The annual award will go to a Black medical student, male or female, in good academic standing, who demonstrates a definite financial need. The Society will choose the recipient each year.

Mixing Literature with Medicine



Janice Wilson, Instructor for the selective "Body and Emotion," with First-Year students (l. to r.) David Mayer, Randall Uyeno, and Sean Logan.

*I see now the delights
Of being let "come home"
From the hospital.
Night!*

*I don't have all the time
In the world, but I have all night.
I have space for me and my house,
And I have cancer and whiskey
In a lovely relation.*

--from "The Cancer Match"
by James Dickey

Dickey. Walt Whitman. D.H. Lawrence. George Orwell. Leo Tolstoy. Flannery O'Connor. These are just a few of the literary artists whose works were "assigned reading" in the Nov. 21-Dec. 6 selective entitled "Body and Emotion."

Presented by the Department of Psychiatry and the Department of Medicine in Society, the selective--one of 16 offered at the end of Autumn Quarter--was designed to heighten medical students' awareness and appreciation of the aesthetics and emotional aspects of the body while also considering the value and limitations of a mechanistic viewpoint and approach.

In small-group, three-hour sessions each day, students were encouraged to consider several themes which il-

lustrate a particular clinical problem. The themes and clinical problems included:

- The Body Deformed and Tired: Living with Limitations (Clinical problem: Stroke or Arthritis)
- The Body Cut: Experiencing Mutilating Surgery (Amputation or Mastectomy)
- The Body Diseased or Doomed: Confronting Fatal Illness (Cancer, Dialysis, or Transplant)
- The Body Confined or Liberated: Coping with Threats to Gender Identity (Hysterectomy, Child Birth, Sex Change, or Vasectomy)

"We hope this experience will establish in our students a personal aesthetics of the body and an increased skill in handling data of imaginative origin with medical implications," says Dr. Robert Reece (Medicine in Society), who, along with Dr. Barry Blackwell (Psychiatry), organized the selective. Janice Wilson, M.A., Adjunct Instructor (Medicine in Society) and a doctoral candidate in the Department of English at the University of Cincinnati, served as instructor.

The Hospice Combines Spiritual Care and Medical Treatment



Dr. Sylvia Lack

"A hospice could best be described as a way-station on the journey from one life to the next," says British-born physician Sylvia Lack, Medical Director of Hospice, Inc., in New Haven, Conn.

Dr. Lack addressed a School of Medicine gathering Nov. 21 on the topic "I Want to Die While I'm Still Alive." The next morning, she presented "A Hospice Approach to Pain and Symptom Control" as the guest speaker at Miami Valley Hospital's 22nd Annual Physicians and Clergy Breakfast.

From 1971-73, Dr. Lack served as Medical Officer at St. Christopher's Hospice in London, where the concept of hospice care was pioneered by Dr. Cicely Saunders.

The hospice approach to health care, according to Dr. Lack, combines spiritual care and medical treatment and involves families, friends, and, sometimes, even pets. Since a hospice is designed to care for terminally ill patients, Dr. Lack believes that "Nothing we do should separate

the patient and the family at this time....We have a great deal of freedom in caring for the dying, because we can find out what they want, what their families want, and enable it to happen."

While a physician directs the medical program in a hospice, an interdisciplinary team--physicians, nurses, social workers, clergymen, volunteers, and others--provides the care.

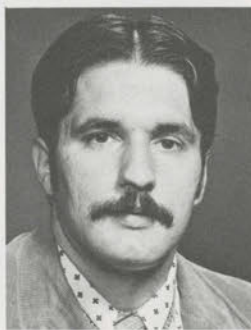
In the typical hospice, visiting hours are flexible; children are welcome at any time; meals are provided on demand; and wine and liquor are served in moderation. Patients may wear their own clothes and bring favorite possessions, including furniture, from home. The key to hospice care is flexibility--flexibility geared to ensuring the patient's mental and physical comfort.

When the hospice concept is used, says Dr. Lack, the final days of life can be a time for patients, their families, and friends to be together rather than isolated from each other.

A Journal Club Summary

Sudden Infant Death Syndrome

By Thomas Malcolm
Year Two



The School of Medicine Journal Club gives students an opportunity to review current medical journal articles of particular relevance to their education as primary care physicians.

During the Club's weekly meeting, a student presents the results of his or her non-classroom medical learning. The presentations are informal; discussion is encouraged; no grades are assigned; attending faculty members are invited to clarify and expand on the student's remarks.

We hope to print précis of student presentations as frequently as pos-

sible. A bibliography for each topic used in *Vitalsigns* will be available from the Office of Student Affairs.

"I'm about to lose touch with reality." This is how a mother expressed her grief and guilt after the sudden and unexpected death of her baby a few weeks before. Every year, over 10,000 infants die of Sudden Infant Death Syndrome (SIDS), also known as "crib death." There is no cry or struggle--the infant simply stops breathing and becomes cyanotic.

The causes of SIDS are not known. But recent evidence has linked it with sleep apnea, a disorder in which breathing stops or somehow becomes obstructed during sleep. Although SIDS has not been able to be predicted or prevented in the past, some physicians are now identifying what they feel were "near miss" infants--otherwise healthy infants found not breathing; had they not been resuscitated, they would have died of SIDS.

Epidemiologic findings also suggest several factors that characterize SIDS. Most deaths occur in infants two to four months of age, and a few occur past seven months. Most babies die while sleeping, generally between midnight and 9:00 a.m. Additional factors associated with crib death include: premature birth; more males die of SIDS than females; the incidence of SIDS is higher in non-white infants.

The role of the primary care physician is extremely important in the case of SIDS, especially in managing the after-effects of the tragedy. In the event of an SIDS fatality, the parents should have the facts concerning SIDS thoroughly explained to them. It should be made clear that the death was not predictable or preventable and that they are not to blame for their infant's death.

The support and counseling should be aimed at helping the parents cope with their grief and their feelings of guilt. Efforts should also be made to prevent parental anxiety concerning surviving children or as-yet-unborn ones.

Dean Beljan Elected Chairman of AAMC Group

Dean John R. Beljan has been elected Chairman of the New and Developing Community-Based Medical Schools Group, an informal organization of the American Association of Medical Colleges.

Thirty-six U.S. medical schools may be labelled "new," "developing," and "community-based," according to Dean Beljan.

"Each of these schools is unique and special in the community where it exists," he says. "Not surprisingly, however, we find that many of the schools are dealing with academic, community, and affiliated-hospital issues which are common to all of the new medical education programs throughout the nation."

Dean Beljan explains that one of his major concerns, as Chairman, will be "to enhance the opportunities for interaction and learning among all of our new schools. I'm delighted to have the honor of being elected to this position, which was previously filled so well by Dean Richard Moy of Southern Illinois University College of Medicine."

Voluntary Clinical Faculty

Wei-Kuo Li, M.D. (National Defense Medical Center, Taipei, Taiwan, 1955), Assistant Clinical Professor, Department of Physical Medicine and Rehabilitation.

"Dr. Li, with his expertise in amputation and prosthetic construction and fitting, has been particularly active in our teaching program in Physical Medicine and Rehabilitation. He participated in the Correlation Session on Body Mechanisms and Gait Analysis; also, he was involved with the Introduction to Clinical Medicine session devoted to musculoskeletal examination. Dr. Li will work with our students again during Spring Quarter in the Introduction to Physical Medicine and Rehabilitation."

--Richard Burk, M.D.
Professor and Chairman
Department of Physical
Medicine and Rehabilitation



Profiles



William S. McMurry, D.D.S., has been appointed Assistant Dean for Veterans Affairs. He is also Associate Chief of Staff for Education at the Dayton VA Center.

Dr. McMurry received his dental degree from the University of Missouri in 1950. After ten years of private practice in Okmulgee, Okla., he joined the Veterans Administration in 1961. From 1963-66 he was a resident in oral surgery at the University of Missouri.

Dr. McMurry holds membership in several professional organizations, including the American and International Societies of Oral Surgeons. In addition to his VA and School of Medicine responsibilities, he is involved in the dental hygiene program at Sinclair Community College, Dayton.

Upcoming CME Programs

April 2, 1978

Sports Medicine Seminar
Chairman: John Gillen, M.D.
Site: Medical Sciences Building
WSU campus
Fee: \$45.00
Credit: 7 hrs. Category I/AMA
7 hrs. Prescribed AAFP

April 15-16

Update on Pain Control
Chairman: Carl Jenkins, M.D.
Site: Stouffer's Dayton Plaza Hotel
Fee: \$75.00
Credit: 12 hrs. Category I/AMA
12 hrs. Prescribed AAFP

May 3

Diabetes
Chairman: Richard Serbin, M.D.
Site: Biltmore Towers Hotel
(Further information unavailable)

May 17

Industrial Medicine in Family Practice
Chairman: Raymond Kahn, M.D.
Site: Biltmore Towers Hotel
Fee: \$35.00
Credit: 7 hrs. Category I/AMA
7 hrs. Prescribed AAFP

Sept. 9-10

Nutrition in Surgery
Chairman: David Small, M.D.
Site: Stouffer's Dayton Plaza Hotel
(Further information unavailable)

For the Record . . .

FAMILY PRACTICE

...KENNETH BARTHOLOMEW, M.D., Associate Professor (and Director of the Family Practice Residency Program at Miami Valley Hospital), was honored recently by 50 of his former residents and students at a surprise recognition in Dayton. Elroy ("Crazy Legs") Hirsch, Athletic Director at the University of Wisconsin, presented a plaque to Dr. Bartholomew, who was a star halfback for the Badgers in the early 1930s.

MEDIA SERVICES

...DENNIS A. PERNOTTO, Ph.D., Coordinator, attended a conference on the Telephone in Education, Nov. 3-5, the University of Wisconsin, Madison. The session focused on the instructional design components of teleconferencing techniques.

MEDICINE

...PAUL KEZDI, M.D., Professor (and Director, Cox Heart Institute), was a guest on WHIO-TV's "Daytime Dayton" program, Nov. 9.

MICROBIOLOGY AND IMMUNOLOGY

...NANCY BIGLEY, Ph.D., Professor and Director, RANDALL A. SMITH, Ph.D., Assistant Professor, and graduate students MARY BRUHN, FRED MORRIS, and TOM MINAHAN attended the Annual Midwest Immunology Meeting, Nov. 6-8, Chicago...Dr. Bigley has been appointed to the Editorial Board of Infection and Immunity for the period 1978-1980...She was a member of an NIH Special Study Section on bacterial and mycotic diseases, Oct. 19-21, Los Angeles.

...WAYNE BURT, Ph.D., Assistant Professor, presented "Studies on a Growth Factor for Histoplasma Capsulatum" at the Symposium on Fungal Diseases of Man, Lansing, Mich., Oct. 22.

PATHOLOGY

...ALVIN RODIN, M.D., Professor, "The Significance of William Osler's Museum Specimens of Aortic Aneurysms," CHEST 72: 508-511.

PHARMACOLOGY

...BARRY BLACKWELL, M.D., Professor, and GEORGE PETERSON, Ph.D., Assistant Professor, presented "Effects of the Tricyclic Antidepressants Desipramine and Doxepin on Anticholinergic and CNS Activity in Non-depressed Volunteers" at the Annual Meeting of the Society for Neuroscience, Anaheim, Calif., Nov. 6-10.



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PHYSIOLOGY

...ROGER GLASER, Ph.D., Associate Professor, and LLOYD LAUBACH, Ph.D., Adjunct Assistant Professor (and Research Scientist, Dayton VA Center), presented "Validity and Reliability of Wheelchair Ergometry" at the American Physiological Society Scientific Meeting, Hollywood, Fla., Oct. 9-14.

...At the same meeting, ROBERT GOTSHALL, Ph.D., Assistant Professor, presented "Blood Pressure Response to 1-5AR-8-ALA Angiotensin II Infusion in the Anesthetized Hemorrhaged Rat."

...ALAN TUCKER, Ph.D., Assistant Professor, "Vascular Actions of Histamines H₁- and H₂- Receptor Agonists in Dogs and Cats," European Journal of Pharmacology 45: 73-77...Dr. Tucker attended the International Symposium on Environmental Stress: Individual Adaptations, the University of California (Santa Barbara), in September.

PSYCHIATRY

...BEATRICE LACEY, M.A., and JOHN LACEY, Ph.D., both Fels Professors in

Psychiatry, "Change in Heart Period: A Function of Sensorimotor Event Timing within the Cardiac Cycle," Physiological Psychology 5: 383-393.

...ELIZABETH WALES, Ph.D., Associate Professor, presented "The Role of Humor in Sexuality" at the Oct. 7 meeting of the American Association of Sex Educators and Counselors, Chicago...Dr. Wales led a workshop on Skills Training and Sex Therapy at Marquette University, Milwaukee, Oct. 29-30.

RADIOLOGICAL SCIENCES

...ALAN ASHARE, M.D., Associate Professor and Chairman, presented "Differential Diagnosis from Medical Imaging" and exhibited "A ROC in the Pile" at the Annual Meeting of the Radiological Society of North America, Chicago, Nov. 27-Dec. 1...Dr. Ashare presented "Detection and Recognition in Medical Imaging" at the 18th Annual Meeting of the South Eastern Chapter of the Society of Nuclear Medicine, Winston-Salem, N.C., Oct. 12-15...On Oct. 5, he participated in a workshop on "The Role of Diagnostic Tests in Medical Decision Making" at the Veterans Administration Hospital Regional Medical Educational Center, St. Louis.

...CHARLES COLBERT, Ph.D., Assistant Clinical Professor, presented "A Bone Mineral Survey Service (co-authored by RICHARD S. BACHTELL, M.S., Clinical Instructor) at the 8th Annual Meeting of the North Central Dialysis and Transplant Association.

...KENNETH KATTAN, M.D., Professor and Vice-Chairman, lectured on "Fractures of the Face" and "Some Radiological Features of the Mandible" at the Nov. 16 Intra-VA Detail Oral Diagnosis and Therapeutic Conference.

SURGERY

...SIDNEY F. MILLER, M.D., Assistant Clinical Professor, "The Early Detection of Colorectal Cancer," Cancer 40: 945-949.

...PHILIP A. WEISMAN, M.D., Associate Clinical Professor, "Skin Cancer," Surgical Clinics of North America 57: 895-927.

...FRANK WELSH, M.D., Assistant Clinical Professor, presented an exhibit, "Hyperbaric Medicine," at the Annual Convention of the American Society of Plastic and Reconstructive Surgeons, San Francisco, Oct. 31-Nov. 4. The exhibit was judged as one of the three top scientific displays.